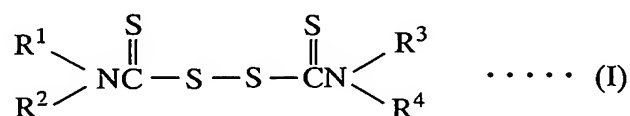
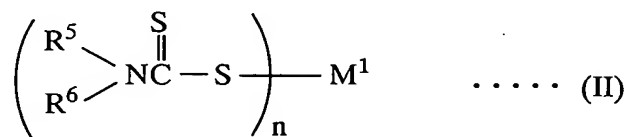


What is claimed is:

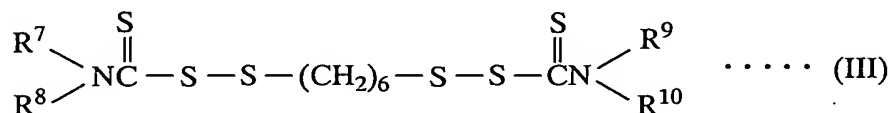
1. A rubber composition comprising (1) a rubber component including at least one of polybutadiene rubber and a styrene-butadiene copolymer rubber having a content of vinyl bond of not less than 30%, (2) at least one compound selected from a compound represented by the following formula (I), a compound represented by the following formula (II), a compound represented by the following formula (III) and a compound represented by the following formula (IV), and (3) an organic thiosulfate compound represented by the following formula (V):



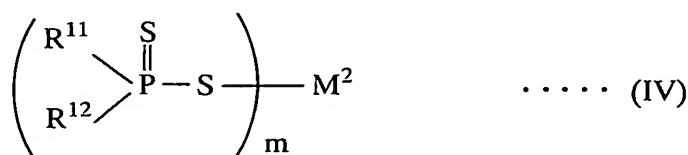
wherein R^1 , R^2 , R^3 and R^4 are independently a straight or branched alkyl group having a carbon number of 3-12 or an aralkyl group having a carbon number of 7-12;



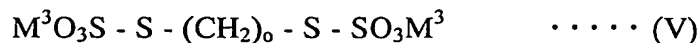
wherein R^5 and R^6 are independently a straight or branched alkyl group having a carbon number of 7-12 or an aralkyl group having a carbon number of 7-12, and M^1 is a bivalent or polyvalent metal and n is a number equal to an atomic valence of M^1 ;



wherein R^7 , R^8 , R^9 and R^{10} are independently a straight or branched alkyl group having a carbon number of 3-12 or an aralkyl group having a carbon number of 7-12;



wherein R^{11} and R^{12} are independently a straight or branched alkyl group having a carbon number of 1-18 or a cycloalkyl group having a carbon number of 5-12, and M^2 is zinc, copper or iron and m is a number equal to an atomic valence of M^2 ;



wherein o is a number of 3-10 and M^3 is one equivalent of lithium, potassium, sodium, magnesium, calcium, barium, zinc, nickel or cobalt, provided that the compound may contain crystal water.

2. A rubber composition according to claim 1, wherein R^1 , R^2 , R^3 and R^4 in the formula (I) are independently a straight or branched alkyl group having a carbon number of 8-12.

3. A rubber composition according to claim 2, wherein each of R^1 , R^2 , R^3 and R^4 is 2-ethylhexyl group.

4. A rubber composition according to claim 1, wherein R^{11} and R^{12} in the formula (IV) are independently a straight or branched alkyl group having a carbon number of 2-8.

5. A rubber composition according to claim 4, wherein each of R^{11} and R^{12} is isopropyl group or n-butyl group.

6. A rubber composition according to claim 1, wherein the styrene-butadiene copolymer rubber has a bound styrene content of 20-60 mass%.

7. A rubber composition according to claim 1, wherein a content of the styrene-butadiene copolymer rubber in the rubber component is 50-100 mass%.

8. A rubber composition according to claim 1, wherein the organic thiosulfate compound represented by the formula (V) is sodium 1,6-hexamethylene dithiosulfate dihydrate.

9. A rubber composition according to claim 1, wherein a total amount of the compound of the formula (I), the compound of the formula (II) and the compound of the formula (III) is 0.5-10 parts by mass based on 100 parts by mass of the rubber component.

10. A rubber composition according to claim 9, wherein an amount of the compound of the formula (I) is 0.5-10 parts by mass based on 100 parts by mass of the rubber component.

11. A rubber composition according to claim 1, wherein an amount of the

compound of the formula (IV) is 0.1-5 parts by mass based on 100 parts by mass of the rubber component.

12. A rubber composition according to claim 1, wherein an amount of the compound of the formula (V) is 1-10 parts by mass based on 100 parts by mass of the rubber component.

13. A pneumatic tire characterized by using a rubber composition as claimed in any one of claims 1 to 12 in a tread.